BRUHATH BANGALORE MAHANAGARA PALIKE

Rajarajeshwari Nagar Zone

O/o Executive Engineer(Ele), Rajarajeshwari nagar Zone, BBMP, Bangalore

Bill of Quantities (BOQ)

Memorandum Showing the Specifications, Quantities and Rates of items to be Executed

Name of the Work-: Operation and maintenance of street lighting system in ward no-16, Package R1 of Rajarajeshwari Nagar Zone.

Tender Number:- BBMP/2019-20/EL/WORK_INDENT40655

Name of the Contractor: **M/s Manjunatha Electricals, Prop. Satish L**

SNo	Approved Qty	Item Name	Sanctioned Est Rates			Approved Tender Rates / Amount		
			Unit	Estimate Rate	Total Amount	Rate in Figure	Rate in Words	Total Amount
1	90	Part A, Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 36/40 watt fluoroscent tube light street lighting systems.	Each	685.45	61690.5	424.98	Rupees Four Hundred and Twenty Four Only Paise Ninety Eight Only	38248.20
2	12	Part A, Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 125 watt HPMV park lighting systems.	Each	756.29	9075.48	468.90	Rupees Four Hundred and Sixty Eight Only Paise Ninty Only	5626.80
3	1050	Part A, Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 250 watt HPSV street light lighting systems.	Each	1019.41	1070380.5	632.03	Rupees Six Hundred and Thirty Two Only Paise Three Only	663631.50

For SRI MANJUNATHA ELECTRICALS

Proprietor

	Prov ed Qty	Item Name	Sanctioned Est Rates			Approved Tender Rates		
			Unit	Estimate Rate	Total Amount	Rate in Figure	Rate in Words	Total Amount
4	48	Part A, Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starter and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 400 watt HPSV street light/high mast lighting systems.	Each	1118.08	53667.84	693.21	Rupees Six Hundred and Ninety Three Only Paise Twenty One Only	33274.08
5	185	Part A, Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 65 watt LED street light lighting systems.	Each	1147.43	212274.55	711.41	Rupees Seven Hundred and Eleven Only Paise Forty one Only	131610.85
6	100	Part A, Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 90 watt LED street light lighting systems.	Each	1377.66	137766	854.15	Rupees Eight Hundred and Fifty Four Only Paise fifteen Only	85415.00
7	820	Part A, Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A. 2 X 25 + 1 X 25 SQ.MM	Mtr	143	117260	88.66	Rupees Eighty Eight Only Paise Sixty six Only	72701.20
		Sub total -part-A						1030507.63
8	8	Part-B, Supplying of Microprocessor Based Astronomical timer Switch	Each	2418	19344	1499.16	Rupees One Thousand Four Hundred and Ninety Nine Only Paise Sixteen Only	11993.28

For SRI MANJUNATHA ELECTRICALS

	Approved Qty	Item Name	Sanctioned Est Rates			Approved Tender Rates		
			Unit	Estimate Rate	Total Amount	Rate in Figure	Rate in Words	Total Amount
9	14	Part-B,Supplying of 4 Pole Power contactor with NO/NC Contactor 100-125 amps.	Each	4320	60480	2678.40	Rupees Two Thousand Six Hundred and Seventy Eight Only Paise Forty Only	37497.60
10	2	Part-B,Supplying of 50-63Amps TPN Miniature Circuit Breakers	Each	1438.2	2876.4	891.68	Rupees Eight Hundred and Ninety One Only Paise Sixty Eight Only	1783.36
11	6	Part-B,Supplying of Outdoor Type Thermoplastic Modular Panel Enclosure. 300mmX450mmX214mm.	Each	3076.2	18457.2	1907.24	Rupees One Thousand Nine Hundred and Seven Only Paise Twenty Four Only	11443.44
12	50	Part-B,Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975. 3.5 core 25 sqmm.	Mtr	180	9000	111.60	Rupees One Hundred and Eleven Only Paise sixty Only	5580.00
13	50	Part-B,Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7). In Soil (ordinary)	Mtr	76	3800	47.12	Rupees Forty Seven Only Paise twelve Only	2356.00
14	20000	Part-B,Fabricating supplying and mounting MS box made out 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete. 16SWG	Sqcm	0.35	7000	0.22	Rupees Zero Only Paise Twenty Two Only	4400.00
15	8	Part-B,Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. 40X40X6mm	Mtr	255	2040	158.10	Rupees One Hundred and Fifty Eight Only Paise ten Only	1264.80
		Sub total -part-B			**1785112.47**			**76318.48**
		GST Applicable @12% on part-B only						**9158.00**
		Total Amout(Exluding GST)						**1106826.00**
		Tender premium						**-38.00%**

Certificate:-

a) I agree to Execute this work at the Rates mentioned above in the Schedule-B/BOQ.
b) I am ready to carry out the work as per the directions of Engineer-in-Charge of Work.
c) I am ready to carry out the work as per the tender terms and conditions.

For SRI MANJUNATHA ELECTRICALS

Seal & Signature of Contractor
Proprietor

Executive Engineer(Ele), 29/1/21
Bruhat Bangalore Mahanagara Palike,
RR Nagar Zone